

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas KEMP et al.  
Filed: Filed Concurrently Herewith  
Title of Invention: METHOD FOR PROCESSING SPEECH USING  
ABSOLUTE LOUDNESS

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INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application  
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Sir:

Enclosed are copies of references which were cited in  
the search report of June 6, 2003 from the European Patent Office  
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Also enclosed is a copy of Form PTO-1449. Entry of this  
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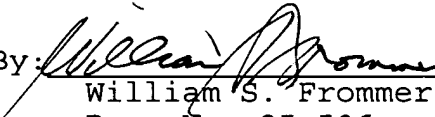
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450117-04828

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Respectfully submitted,

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Based on Form PTO-1449 (3/90)	ATTY. DOCKET NO. 450117-04828	SERIAL NO. Filed Concurrently Herewith
	APPLICANT Thomas KEMP et al.	
	FILING DATE Filed Concurrently Herewith	GROUP

LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AN		QUAST H: "Automatic Recognition of Nonverbal Speech: An Approach to Model the Perception of Para-and Extralinguistic Vocal Communication with Neural Networks" 'Online! 2001, THESIS UNIVERSITY OF GÖTTINGEN XP002240575
	AO		NEY H: "Measuring of the contours of intensity and fundamental period of speech for automatic speaker recognition" FREQUENZ, OCT. 1981, WEST GERMANY, vol. 35, no. 10, 1981, pages 265-270, XP001149002
	AP		GIULIANI D ET AL: "Hands free continuous speech recognition in noisy environment using a four microphone array" ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, 1995. ICASSP-95., 1995 INTERNATIONAL CONFERENCE ON DETROIT, MI, USA 9-12 May 1995, NEW YORK, NY, USA, IEEE, US, 9 May 1995, pages 860-863, XP010151354
	AQ		SULLIVAN T M ET AL: "Multi-microphone correlation-based processing for robust speech recognition" STATISTICAL SIGNAL AND ARRAY PROCESSING. MINNEAPOLIS, APR. 27-30, 1993, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING (ICASSP), NEW YORK, IEEE, US, vol. 4, 27 April 1993, pages 91-94, XP010110401

EXAMINER	DATE CONSIDERED
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